

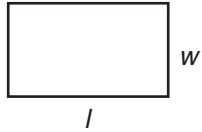
Mathematics 6 Reference Sheet

Square



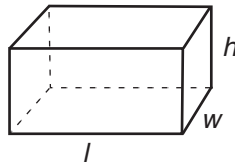
Area = s^2
Perimeter = $4s$

Rectangle



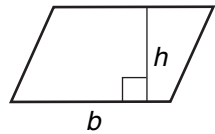
Area = lw
Perimeter = $2l + 2w$

Rectangular Prism



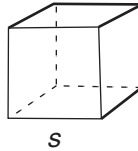
Volume = lwh
Surface Area = $2lw + 2lh + 2wh$

Parallelogram



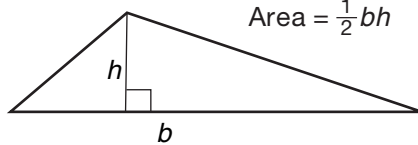
Area = bh

Cube



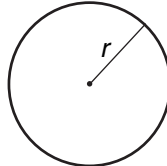
Volume = s^3
Surface Area = $6s^2$

Triangle



Area = $\frac{1}{2}bh$

Circle



Circumference = πd
Circumference = $2\pi r$

Customary Conversions

8 ounces = 1 cup
2 cups = 1 pint
2 pints = 1 quart
4 quarts = 1 gallon
8 pints = 1 gallon
3 teaspoons = 1 tablespoon
16 tablespoons = 1 cup
16 ounces = 1 pint
16 ounces = 1 pound
5280 feet = 1 mile

Definitions

| | |
|------------------------------|---|
| MEAN: | The sum of a set of numbers divided by the number of elements in the set. |
| MEDIAN: | The middle number or average of the two middle numbers in a collection of data when the data are arranged in order. |
| MODE: | The number or numbers that occur most often in a collection of data. |
| RANGE: | The difference between the greatest and the least numbers in a collection of data. |
| REFLECTION OR FLIP: | A mirror image of a figure across a line of symmetry. |
| TRANSLATION OR SLIDE: | A change in position of a figure. All points in the figure move in the same direction for the same distance. |
| ROTATION OR TURN: | Turning a figure clockwise or counterclockwise about a point. |

Metric Conversions

| kilo- | hecto- | deka- | UNIT | deci- | centi- | milli- |
|-------|--------|-------|------------------------------------|-------|--------|--------|
| k | h | da | meter (m) liter (l) gram (g) | d | c | m |